

FOSTER WHEELER ENVIRONMENTAL CORPORATION

August 9, 2000

Mr. Pietro Mannino
Work Assignment Manager
U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866

Subject:

RAC II PROGRAM-EPA CONTRACT 68-W-98-214

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

WORK ASSIGNMENT NO. 018-RICO-02GZ

INVESTIGATION DERIVED WASTE (IDW) DISPOSAL

Dear Mr. Mannino:

The purpose of this letter is to request that EPA approve our proposed disposal facility and authorize Foster Wheeler Environmental to sign the manifests on behalf of the EPA for the disposal of waste generated during the remedial investigation at the Cornell-Dubilier Electronics Superfund site.

There are currently three waste streams being generated at the site. The three are:

- 1. Drummed Decontamination Water generated from equipment cleaning.
- 2. Drummed Solid Material consisting of soil cuttings, PPE and asphalt.
- 3. Test Pit Spoils consisting of soil and debris excavated during test pitting.

All three waste streams contain PCBs. The drummed solid material and decontamination water have PCBs concentrations below TSCA regulatory limits, but due to the Anti-Dilution Rule, must be disposed of as TSCA waste. The test pit spoils exhibit PCB concentrations that exceed TSCA limits and range up to the percent level. Due to the nature of the test pit spoils, specifically the amount of debris in the material, a rolloff will be required to transport the material to the disposal facility. The use of a rolloff is currently not in the scope of work for the waste disposal contractor. A supplement to the scope of work, in the order of \$7,250.00, will be issued to address this. This increase in scope will be offset by a decrease in the number of drums that will be filled and disposed of, thereby creating little change in the overall value of the waste disposal subcontract.

All three waste streams will be disposed of at Chemical Waste Management's Model City (NY) Facility (ID# NYD049836679), which is located near Buffalo, New York. Freehold Cartage (ID# NJD054126164) will provide the waste transportation services. Attached are the waste profile sheets, along with associated waste characterization data, for each waste stream.

It is anticipated that approximately 20 drums of decontamination water, 60 to 70 drums of solids and one rolloff of test pit spoils will be transported and disposed of in this first shipment.



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In order to mitigate costs associated with the management and disposal of decontamination water and PPE as TSCA-regulated waste streams (pursuant to the Anti-Dilution Rule), Foster Wheeler Environmental proposes that these waste streams be managed at their "as found" PCB concentrations. For example, if water used to decontaminate site materials contains less than 50 ppm PCBs, the decontamination water would be managed as a non-TSCA waste. This approach is consistent with the provisions of the PCB Mega-Rule (63 FR 35384) and has been successfully implemented by Foster Wheeler Environmental at CERCLA sites in EPA Region I. Foster Wheeler Environmental recommends that the PCB Coordinator for Region 2 be consulted regarding this waste management strategy.

The disposal subcontractor, ECO-TRON, will schedule pickup of the waste as soon as approval is received from EPA and Foster Wheeler Environmental.

If you need additional information or have any questions, please contact me at (973) 630-8517.

Very truly yours,

Lee Haymon Project Manager

LH:sj

cc:

Dev Sachdev Ming Kuo RAC II file

1995, 1018-00-008T



	b. Shipping Frequency: Units 40–100 Per: Month	Quarter	
	s. Is this a U.S. Department of Transportation (USDOT) Hazardous Mater. Reportable Quantity (lbs.; kgs.): 1 LB e. H	erial? (If no, skip d, e, and f) azard Class/ID #:9/UN2315	□YES \$\\
f	. USDOT Shipping Name: POLYCHLORINATED BIPHENYLS, F	G II	
	. Personal Protective Equipment Requirements:		
h	. Transporter/Transfer Station:		
C. Ge	nerator's Certification (Please check appropriate responses, sign. a	nd date below.)	
1.	Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip a. If yes, identify ALL USEPA listed and characteristic waste code numbers (I	to 2 D, F, K, P, U)	□YES XNO
1.	b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section B.1.) c. Does this waste contain debris? (if yes, list size and type in Chemical Composition - B.1.)		
_			
2.	Is this a state hazardous waste?		XYES □NO :
•			-
3.	Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clea If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that activity. For state mandated clean-up provide relevant documentation.	n-up?t governs site clean-up	ØYES □NO
4.	Does the waste represented by this waste profile sheet contain radioactive mate regulated by the Nuclear Regulatory Commission?	rial, or is disposal	□YES XINO
5. ;	Does the waste represented by this waste profile sheet contain concentrations o	f Polychlorinated	6 to 1
	Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition a. If yes, were the PCBs imported into the U.S.?	n - B.1.j)	XYES □NO
	a. If yes, were the PODS imported into the U.S.?	LYES XING)
6.	Do the waste profile sheet and all attachments contain true and accurate descrip material, and has all relevant information within the possession of the Generator suspected hazards pertaining to the waste been disclosed to the Contractor?	regarding known or	⊠YES □NO
7. 4	Will all changes which occur in the character of the waste be identified by the Ge to the Contractor prior to providing the waste to the Contractor?	nerator and disclosed	
SCheck !	here if a Certificate of Destruction or Disposal is required.		
enerator a has deter as been o	e submitted is representative as defined in 40 CFR 261 - Appendix I or by using an vaste shipment for purposes of recertification. If this certification is made by a broken and has confirmed the information contained in this Profile Sheet from information mined to be reasonably necessary. If approved for management, Contractor has a characterized and identified by this approved profile.	er, the undersigned signs as authoriz	ed agent of the
	pe or Print): Company Name:	_ 1/08.	ate:
	□Check if additional information is attached. In	dicate the number of attached pa	ides
D 11/1/			
1.	Management's Decision Management Method		USE ONLY
	Hazardous Stabilization Other (Specify)	☐Bioremediation ☐Incinera	tion
2.	Proposed Ultimate Management Facility:		
3.	Precautions, Special Handling Procedures, or Limitation on Approval;		
1 .	Waste Form 5. Source	0 0	
Special V	Vaste Decision	6. System Type 	Disapproved
saiesper	son's Signature:	Date:	
Sion A	Approval Signature (Optional): Vaste Approvals Person Signature:	Date:	
Uldi V	rasio approvais reison Signature:	Date:	



S	ervice Agreement on File?YES		Profile Number:	CH 0553
\perp	Hazardous Non-Hazardous V	∫TSCA	Renewal Date:	
1.		ELL-DUBILIER SUPERF		
	Facility Street Address: 333 HAN			-3390
5. 7.				
9.			8. Generator USEPA/Federal I	D#: <u>NJR000035956</u>
11		IT TNC	10. State/Province ID #:) =====================================
-	3. Customer Contact: TAHER GINV	VAT A		<u>) 727–7201</u> 727–1356
	5. Billing Address P.O.BOX 67	, MOORESTOWN, NJ O	08057	Same as above
В.	Waste Stream Information			
1.				
	a. Name of Waste: SOIL, AS	SPHALT, DEBRIS, AND	O PPE	***
	b. Process Generating Waste: _S	OIL CUTTING, INVES	TIGATION DERIVED WASTE F	ROM A CERCLA SITE
				· · · · · · · · · · · · · · · · · · ·
	c. Color d. Strong odd	e. Physical state	e @ 70°F f. Layers	g. Free liquid range
	(describe):		☐Liquid ☐Single Layer	to 0 %
	VARIES HONE		Sludge Multi-layer	
	BROW-	Other		h. pH: Range
	BLACK.			5 to 9 %
	i. Liquid Flash Point: □<73°F	□73-99°F □100-139°F		V
			F ☐140-199°F ☐≥ 200°F ganics, debris, and UHC's] present in any cond	Not applicable
	representa	isutuents (including halogenated ori tive analysis):	ganics, debns, and OHC si present in any cond	entration and submit
	Constituents	Concentration Range	Constituents	10
	Constituents	Concentration hange	Constituents	Concentration Range
	SOIL & DEBRIES	0-100%	PCB	0-1%
	ASPHALT	0-100%	You	<100 PPM.
i	PPE	0-100%		
	тот	AL COMPOSITION MUST I	EQUAL OR EXCEED 100%	**************************************
	k. □Oxidizer □Pvi	rophoric DEx	plosive	•
			ock Sensitive	
			e carcinogens which require OSHA	
	notification? (list in Section B.1.)) 		□YES XINO
•	m. Does the waste represented by t	this profile contain dioxins?	(list in Section B.1.j)	TYES XNO
	 n. Does the waste represented by t 	this profile contain asbestos	s?	□YES XNO
-	If yes			iable
	o. Does the waste represented by t	· · · · · · · · · · · · · · · · · · ·	?	□YES XNO
	If yes, concentration	ppm		
	n is the waste subject to the benze	ine waste operations NESH	IAP?	
	p. Is the waste subject to RCRA Su	roppie LDD Evernation?	······································	
			O)?	
	Volatile organic concentration			□YES NO
	q. Does the waste contain any Clas			□YES XINO
			residual under the HON?	
	If yes, is it a Table 8			
				•
2.	Quantity of Waste	=		
	Estimated Annual Volume 45	□Tons	s □Yards ☑Drums □Other (spe	cify)
_			<i>,</i> `	
3.	Shipping Information			•
	a. Packaging:			•
	☐Bulk Solid; Type/Size:	I Dougl	☐Bulk Liquid; Type/Size:	
	Drum; Type; Size: 55-9A	C. UKUINS.	☐Other:	
	999-2117		× *	•



	b. Shipping Frequency: Units Per:□Month □Quarter □	OYear Mone time	Other
	The same of the population of the sponsition (18) is a paragraph to the paragraph of the pa		
	- Topot maio additity (ips., 1981): 1 (P. D. Darond Clar		15 120 12110
	f. USDOT Shipping Name: POLYCHLO RWATED BIPHENYLS g. Personal Protective Equipment Requirements:	PG II.	
	h. Transporter/Transfer Station:		
C.	Generator's Certification (Please check appropriate responses, sign, and date be	elow)	
1.	Is this a USEPA hazardous waste (40 CFR Part 261)2 If the appropriate to a		
	a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U	 1	TAES DONO
)	-
	b. If a characteristic hazardous waste, do underlying hazardous constituents		- -
	(UHCs) apply? (if yes, list in Section B.1.)) c. Does this waste contain debris? (if yes, list size and type in Chemical	□YES ØN	0
	Composition - B.1.)	🗀 YES 🗷 N	^
2.	D 1.40		
	Is this a state hazardous waste?	***************************************	⊠YES □NO
			-
3.	Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up?	••••	XYES □NO
	If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs sit activity. For state mandated clean-up provide relevant documentation.	e clean-up	A
	assumption, state mandated deart-up provide relevant documentation.		
4.	Does the waste represented by this waste profile sheet contain radioactive material, or is disp	nacol	• •
	regulated by the Nuclear Regulatory Commission?	Josai	□YES XNO
5.	Does the waste represented by this waste and the		LI 120 MILO
	Biphenyls (PCBs) regulated by 40 CFB 7612 (if yes, list in Chamiest Contentrations of Polychloring	ated	· ·
	Does the waste represented by this waste profile sheet contain concentrations of Polychlorina Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition - B.1.))	Five Nice	XYES □NO
6.	Da the control of	LITES KINC	
U .	Do the waste profile sheet and all attachments contain true and accurate descriptions of the wasterial, and has all relevant information within the	vaste	
	material, and has all relevant information within the possession of the Generator regarding knows suspected hazards pertaining to the waste been disclosed to the Contractor?	· ·	Miliana maria
_			MAKES MO
7.	Will all changes which occur in the character of the waste be identified by the Generator and of	disclosed	
<u></u>	Service prior to providing the waste to the Contractor?		XYES □NO
Chec	k here if a Certificate of Destruction or Disposal is required.		
лу заті	ple submitted is representative as defined in 40 CER co.		and the second
om any	waste shipment for purposes of recertification. If this certification is made by a broker, the unders and has confirmed the information contained in this Profile Sheet from information.	nethod. I authorize WM t	o obtain a sample
has de	r and has confirmed the information contained in this Profile Sheet from information provided by the termined to be reasonably necessary. If approved for management, Contractor has all the process.	he generator and addition	u ageni or ine nai information as
as beer	termined to be reasonably necessary. If approved for management, Contractor has all the necessary characterized and identified by this approved profile.	ary permits and licenses	for the waste that
	tion Signature:		
	100:		
		Da	te:
	☐Check if additional information is attached. Indicate the nu	umber of attached pag	es
D. WN	Management's Decision	<u>. </u>	
	Management Mathe of City	FOR WM L	
	Hazardous Stabilization Other (Specific)	iation []Incinerati	on
2.	Proposed Ultimate Management Facility		
I .	Precautions, Special Handling Procedures, or Limitation on Approval;		
		· · · · · · · · · · · · · · · · · · ·	
	W P		 :
•	Waste Form 5. Source 6.	System Type	
pecial	Trade Decision	. Approved II	Disapproved
alespe	Approved Signature:	. □Approved ∐i Date:	osaphioved
	Approval Signature (Optional): Waste Approvals Person Signature:	Date:	
. Al	Waste Approvals Person Signature:	Date:	



Service Agreement on File? TYES] <mark>v</mark> o	Profile Number:	Un U554
Hazardous Non-Hazardous	ŤSCA	Renewal Date:	1 1
A. Waste Generator Information		,	
Generator Name: USEPA CORI	VELL-DUBILIER SUPERFUNI) SE Gode:	
Generator Name: Facility Street Address: 333 HAN	AILTON STREET 4.		-3390
Facility City: _SOUTH_PLAINET!	ELD 6.	State/Province:N	
7. Zip/Postal Code: <u>07080</u>		Generator USEPA/Federal I	D#: NJR_000035959
9. County:	10.	State/Province ID #:	5) 727-7201
	NJ INC. 12.		5) 727-7201 5-727-1356
13. Customer Contact: TAHER GIN		Customer Fax: 856	Same as above
15. Billing Address P.O.BOX 67,	MOORESTOWN, NJ 08057		
B. Waste Stream Information	· · · · · · · · · · · · · · · · · · ·		
Description a. Name of Waste: SOIL AND	DERRITS CTEST	PIT 49).	
b. Process Generating Waste:	INVESTIGATION DERIVED W	ASTE FROM A CERCLA S	SITE
b. Process Generating waste			
c. Color d. Strong odd	or e. Physical state @ 7		g. Free liquid range
(describe):			to 0 %
VARIES	Gas Slud	ge Multi-layer	h all Dance
	Other		h. pH: Range 5 to 9 %
			3 10 1 /8
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	□73-99°F □100-139°F	□140-199°F □≥ 200°F	Not applicable
i. Liquid Flash Point: □<73°F	nstituents [including halogenated organics,		4 4 7
j. Chemical Composition (ust all correpresent)	ative analysis):	•	
	Concentration Range Co	nstituents	Concentration Range
Constituents	Concentration rtange	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2660.5	O- 90Y.		
DEBRIS	0-107.		
PCB	>10%		
ТОТ	AL COMPOSITION MUST EQUA	AL OR EXCEED 100%	
		· · · · · · · · · · · · · · · · · · ·	•
	yrophoric □Explosiv fectious □Shock S	<u> </u>	
□Carcinogen □In	fectious Shock S this profile contain any of the car		
L Does the waste represented by	j)	omogo, jo vimon voqua o o o o	□YES XNO
m. Does the waste represented by	this profile contain dioxins? (list i	n Section B.1.i)	TYES NO
n. Does the waste represented by	this profile contain asbestos?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TYES NO
n. Does the waste represented by		□friable □non-	mable
o. Does the waste represented by	this profile contain benzene?		□YES KŲNO
If you concentration	pom		
a se	wasta aparations NESHAP?		YES NO
- In the weets subject to BCRA S	Subpart CC controls?		UYES KINO
If no close the weets most the	organic LOH EXAMPTION ([] ! LO [Z(10]
If no, does the waste contain <	500 ppmw volatile organic (VO)?.		YES ⊠NO
 Does the waste contain any Cla 	ass I or Class II ozone-depleting s	ubstances?	□YES ØNO
s. Is the waste subject to controls	as a Group 1 wastewater or resid	lual under the HON?	TAES MA
If yes, is it a Table 8	or Table 9 compou	ınd? ,	
2. Quantity of Waste	·		
Estimated Annual Volume	<u>∠0-30</u>	Jyards ⊔Drums ⊔Other (sp	Decity)
• •		,	•
3. Shipping Information	. 3		
a. Packaging:	*	Ellowin Annah Stransfor	
Saulk Solid; Type/Size: Re	oll-offc.		
□Drum; Type; Size:		Other:	



	b. Shipping Frequency: Units 20 Per: Month Quarter Quarter Quenter Que	\er
	c. is this a U.S. Department of Transportation (USDOT) Hazárdous Material? (If no, skip d. e. and f)	□YES XNO
	o. Reportable Quantity (ibs.; kgs.): 1 LB e. Hazard Class/ID # 9/UN2315	LITES MINO
	f. USDOT Shipping Name: POLYCHLORINATED BIPHENYLS, PG II g. Personal Protective Equipment Requirements:	
	g. Personal Protective Equipment Requirements:	· · · · · · · · · · · · · · · · · · ·
		·
C.	enerator's Certification (Please check appropriate responses, sign, and date below.)	·
1.	Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2	DYES MINO
1	a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U)	LITEO ANO
	b. If a characteristic hazardous waste, do underlying hazardous constituents	
	(UHCs) apply? (if yes, list in Section B.1.j)	*
	Composition - 8.1.) ☐YES ☑NO	
2.		
	Is this a state hazardous waste?	XYES NO
3.	Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up?	XYES □NO
	if you, attach necold of Decision (HUD), 104/106 or 122 order or court order that governs also also also also also also also als	MIES LINO
•	activity. For state mandated clean-up provide relevant documentation.	
4 . :	Does the waste represented by this waste profile sheet contain radioactive material, or is disposal	
	regulated by the Nuclear Regulatory Commission?	JYES XNO
5 .		
	Biphenyls (PCBs) regulated by 40 CFR 761? (If yes, list in Chemical Composition - B 1 i)	YES DNO
	Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition - B.1.j) a. If yes, were the PCBs imported into the U.S.?	<u> </u>
6.	Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste	
	material, and has all relevant information within the possession of the Generator regarding known or	
-	suspected hazards pertaining to the waste been disclosed to the Contractor?	XYES □NO
7.	Will all changes which occur in the character of the waste be identified by the Generator and disclosed	à ·
/	to the Contractor prior to providing the waste to the Contractor?	TYES □NO
S Checi	here if a Certificate of Destruction or Disposal is required.	
vny sam	e submitted is representative as defined in 40 CED act	
om any	le submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WM to o vaste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized a and has confirmed the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information contained in this Profile Shoot from information with the information with the information contained in the information with the information with the information contained in the information with the informatio	btain a sample
enerato has de	and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional implications to be reasonably necessary. If approved for management, Contractes has all the generator and additional	information as
as beer	rmined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for characterized and identified by this approved profile.	the waste that
	on Signature:	
	pe or Print):	
1	Company Name: Date:	
		·
D. WIV	Management's Decision Management Method Dt andfill Chooks and the South Control of the Control	E ONLY
١.	Incineration Bioremediation Incineration	CNLI
2.	Hazardous Stabilization Other (Specify) Proposed Ultimate Management Facility:	
3.	Precautions, Special Handling Procedures, or Limitation on Approval;	
	Approval;	
.	Waste Form 5. Source 6. System Type	
pecial	Vaste Decision	approved
•		
dal	Vaste Approvals Person Signature: Date: Date:	
1	Date:	



GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

S	ervice Agreement on File? TYES [•	Profile Number:	CR 0552
	Hazardous Non-Hazardous	∄tsca		Renewal Date:	. 1 1
A.	Waste Generator Information		SITE		
1.	Generator Name. USEPA CORNI	IL-DUBILIER SUPP	ERFUND SIC (Code:	·
3.	Facility Street Address: 333 HZ	MILTON STREET	4. Phon	e: <u>(908) 791</u>	-3390
5.	Facility City: SOUTH PLAINF	ELD	6. State	/Province: NJ	
7.	Zip/Postal Code: 07080 County:				D#:NJR 000035956
9. 11			10. State	/Province ID #:	\ 707 moot
13		MATAT A	12. Custo	omer Phone: <u>(856</u> omer Fax: <u>856-</u>) 727-7201 727-1356
15		MOORESTOWN ALT	14. Cusic	inter trax	Same as above
В.	Waste Stream Information		.000.77		
1.	Description WASTE	- Manco			
	a. Ivallie of vvasie.			· · ·	
	b. Process Generating Waste:	DECON WATER, INV	ESTIGATION I	DERIVED WASTE FF	ROM A CERCLA SITE
	c. Color d. Strong ode	or e. Physical	state @ 70°F f	Layers	g. Free liquid range
	(describe)	,	Liquid	Single Layer	to 100 %
	MUDRY NONE	Gas	☐Sludge	☐Multi-layer	
		Other		•	h. pH: Range
	· · · · · · · · · · · · · · · · · · ·		<u> </u>		5 to 9 %
	 i. Liquid Flash Point: □<73°F j. Chemical Composition (List all corepresents) 	73-99°F 100-1 nstituents (including halogenate ative analysis):			☐Not applicable entration and submit
1	Constituents	Concentration Range	Constituen	te ·	Concentration Page
		Concentration Hange	Constituen		Concentration Range
	WATER	0-100%			
	SOLID	0-1%			
	PCB	< 100 ppm.			
	TOT	AL COMPOSITION MU	ST EQUAL OR E	XCEED 100%	
	k. □Oxidizer □Py	rophoric [Explosive	□Radioactive	•
	☐Carcinogen ☐Inf	ectious	☐Shock Sensitive		tive
	I. Does the waste represented by	this profile contain any	of the carcinogens	which require OSHA	
	notification? (list in Section B.1.))		**************************************	· • · · · · · · · · · · · · · · · · · ·
	m. Does the waste represented by	this profile contain dioxi	ns? (list in Section	າ B.1.j)	
	n. Does the waste represented by If yes	this profile contain aspe	Stos?	□friable □non-fr	
	o. Does the waste represented by	this profile contain heaz	ene?	□mable □non-m	•
	If yes, concentration	DDM	C1101	• • • • • • • • • • • • • • • • • • • •	□YES ঐNO
	Is the waste subject to the benz		ESHAP?		□YES ☑NO
	p. Is the waste subject to RCRA S				
	If no, does the waste meet the o				
	If no, does the waste contain <5			•••••••••••••••	□YES NO
	Volatile organic concentration	-	ppmw		
	q. Does the waste contain any Cla				
	r. Does the waste contain debris?				
	s. Is the waste subject to controls a			r the HON?	□YES NO
	If yes, is it a Table 8	or Table 9	compound?		
2	Quantity of Maste		•	•	
2.	Quantity of Waste Estimated Annual Volume 20	- 5 %		40	
	Familian Annual Annual Comme	·	TOILS LITAROS	Drums □Other (spe	спу)
3.	Shipping Information	•			
٠.	a. Packaging:		-		
	☐Bulk Solid; Type/Size:	•	∏Ru	lk Liquid; Type/Size:	•
	Drum; Type; Size: 5C- G	AL DRUMS.		ner:	
				· · · · · · · · · · · · · · · · · ·	

%

ACCREDITED LABORATORIES, INC.

20 PERSHING AVENUE CARTERET, NEW JERSEY 07008 PHONE: (732) 541-2025 / (800) ALI-LABS

CHAIN OF CUSTODY FORM

PAGE	 OF	

CLIENT	ECO-TRON NS INC.	PROJECT	CORNELL - DUBILLIER
AODRESS	707 WORTHINGTON DR.	CONTACT	TAHER GINWHEA
CITY	MOOKESTOWN- NOTE	PHONE	
STATE	HJ ZIP 08057	FAX	056-727-1356
		· · · · · · · · · · · · · · · · · · ·	

ALI SAMPLE #	FIELD ID	•c	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
1 Contact	5-1	1	8	6/27/00 3/80 pm	Test #4	PCB & TCE 000732
2 (Test 5).	5-2	1	8	Ī	Test 45	PCB 5 TCE 000732
3 (Daomach	\$ W-1	1	A		Dean who wit	PCB & TCE 000732
11	3-3.	1	3.	k	Tatat #9	PCB, FOLL TOLPO00732
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ACCREDITED LABORATORIES, INC. . BHA ORGANIC ANALYSIS DATA

CASE NUMBER	8570		ATRIX		SOLID	
SAMPLE NUMBER	0007328	D1	LUTION FACTOR		1,0	
DATA FILE	>F1369	DA	TE EXTRACTED .		07/25/00	
CLIENT NAME	ETNJI		ATE ANALYZED		07/28/00	
FIELD 10	\$-3	AA	ALYZED BY		JAN1 CE	
	*********	*************************	* 6 E E = = E Z E X X Z = = =			•
•	CAS #	COMPOUND	UG/KG	MDL		
		****************	***********	****		
	1746016	2,3,7,8-Tetrachlorodibenzo-p	o u '	35		

Percent solid of 94.6 is used for all target compounds.

- J Indicates compound concentration found below MDL.
- u Indicates compound analyzed for but not detected.
- D Indicates result is based on a dilution.
- 1 Results exceed industrial surface soil standards.*
- 8 Indicates compound found in associated blank.
- E Concentration exceeds highest calibration standard.
- R Result exceeds residential surface soil standards.*
- * Flags are pased on New Jersey Soil Cleanup Criteria from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC. GENERAL CHEMISTRY ANALYSIS DATA

C∺St ∺: '	8570
Sample #:	*0007328
Client Name:	ETHI
Field Number:	6-3

Matrix:	Sotid
Date Received:	05/27/00
% Moisture:	5.4

ANALYTES	RESULTS	MDL .	STINU	CILUTION FACTOR	METHOD RESULTS	BLANK MDL	ANALYSIS Date
Solids, Percent : British Thermial Units	94.6 16400.	0.10	% 81U/(b	1.	םא	100.	06/28/00

ACCREDITED LABORATORIES, INC.

Implementing Tomorrow's Technology, Today™...

Analytical Data Report

for

Eco-Tron NJ Inc. 707 Worthington Dr. Moorestown, NJ 08057

Project: Cornell - Dubilier

Accredited Laboratories Case No.: 8570 Date Received: 06/27/00

Field ID	Laboratory Sample #
S-1	200007325
S-2	200007326
W-1	200007327
S-3	200007328
COMP	200007597

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

> Theodore C./Gaydos Technical Director

.

8570

ALI CASE#

P.O.#

COMMENTS

ACCREDITED LABORATORIES, INC.

CHAIN OF GUSTODY FORM

20 PERFING AVENUE
CARTERET, NEW JERSEY 07008
PHONE: 1730) SALOROF HOW AT ILLERS

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METHODOLOGY SUMMARY

Toxic Characteristic Leaching Procedure - TCLP (EPA Method 1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of extraction fluid, either #1 or #2, must be determined.

For Volatile Analysis, a special extractor called Zero Headspace Extractor (ZHE) must be used to generate the TCLP leachate. A maximum of 25 grams of sample is placed in the vessel as the liquid portion is pressed out and saved. A 20X of extraction fluid #1 is charged into the vessel. After 18 +/- 2 hours rotation at 30 +/-2 rpm, the liquid is pressed out of the vessel. The leachate from ZHE is combined with the initial liquid portion, if any. This is referred as TCLP Leachate. The contaminants in the leachate is determined by EPA Method 8260.

For Non-Volatile Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Base Neutrals/Acids (BNA), pesticides and herbicides in the leachate are determined by EPA Method 8270, EPA Method 8081 and 8150 respectively.

For the Metal Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

Flash Point - EPA 1010

The sample is heated at a slow constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample. The method is followed according to EPA "Test Methods for Evaluating Solid Waste", SW-846, 3rd ed., 1986.

pH - EPA 9045 (soil)

The soil sample is mixed either with Type II water or with a calcium chloride solution. The pH of the mixed solution is then measured with a pH meter.

Reactive Sulfide - SW 846, 7.3.4.1 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The sulfide in the scrubber solution is first reacted with iodine. The excess iodine is then back-titrated with phenylarsine oxide. The concentration of sulfide is determined through the back calculation of iodine being consumed. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Cyanide - SW 846, 7.3.3.2 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The analyte is quantified by manual colorimetric method. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Labs received 2 soil samples, 1 aqueous sample and 1 solid sample (Project: Cornell - Dubilier; ALI Case #8570) from Eco-Tron NJ Inc. on 06/27/00 for the analyses of Volatile Organics, Full TCLP, TCLP TCE, TCLP Lead and PCB.

All analyses were performed within the required holding time.

All soil analyses were reported on a dry weight basis.

On 07/05/00, per client's request, ALI samples #0007325 and and #0007326 were composited and was assigned as ALI sample #0007597. The sample was then analyzed for Full TCLP, VO and RCRA Characteristics.

In the TCLP Volatile Organic analysis, two surrogates (1,2-Dichloroethane-d4 and Bromofluorobenzene) were out of criteria for ALI sample #0007328. The sample was used for MS analysis and the surrogates were again recovered out of criteria in the MS analysis.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

Technical Director

2600

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ALLKEDITED LABORATORIES

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SURROGATE COMEDUNOS	RECOVERY	LIMITS	STATUS
1.2-Dichlorgethane-d4	<u></u>	70-171	<u> 0K</u>
Toluene-dB	112 %	81-117	<u>CX</u>
Bromof luorobenzene	105 %	74-121	<u> </u>

2600

2600

7690

2390

260¢

2500

2600

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75150-

110758

\$7841

108054

789333

102101

581286

Acetone -

Vinul acetate

2-Butamene

2-Hexanone

Carbon disulfide

1-Chloroethy lulny lether

. 4-Methol-1-pentanona

Percent solid of 94 % is used for all target compounds.

edicates compound concentration found below MOL indicates composed analyzed for but not reflected. i - Indicates resultais pased on a dilution

19061026 trans-1.3-0+coloropropene

1.1.2-Trichloraethane

- 1.3-9ich Groomagame

Tetrach lordetheme

Storomoch loromethane

1.2-Dibromoethane

Ethylbergene

79005

142289

1271841

124481

108234

100414

B - Indicates compound found in associates blank.

 $[\]bar{t}$ - indicates result exceeds highest calibration standard .

RECREDITED LABORATORIES, INC. VOCATILE ORGANIC ANALYSIS DATA

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SAMPLE AUMBER	000732801	GT. HTTON EAC	وي المراب والمراب والمراب والمراب عن من المراب والمراب
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Cas #	COMPOSKO	86/KS	MOL	CAS #	CORPOUND	· US/AL	. MOI.
107028	Rosolein	***************		******			*****
107131	Accylonitrila	U	25000	108907	Chlorobersese	¥	5500
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74873	Dichlored:fluoromethame	· · · · · · · · · · · · · · · · · · ·	5300	10330207	•	il	11000
79014	Chloromethane	Ų	5300	100475	Styrene	+ <u>U</u>	5300
74839	Vinui Chioride	Ų	5300	98828	lsopropylianzene	ŧį.	5300
75003	Sromomethame	·U	5300	75252	Bromeform		5300
	Chloreethane	T T	5300	79345	1.1,2,2-Tetrachloroethane	ij	5300
75694	Trichlorofluoromethame	. 4	5500	90184	1.2.3-Trichloropropase	41、夏	-5500
75354	1.1-Discloraethens	. J	5500	103451	n-Propul tenzene	Ü.	5700
7,509.2	Methylene Chierode	Ü	5500	198891	Gremobensane	₿.	5560
156305	trans-1,2-Wichlaroethene	8	5300	108678	1.3.5-Trimethy bentame	ÿ	5304
75545	i.i-Dichierzatoana	Ü	5300	95693	I-Interetatuese	· · · · · · · · · · · · · · · · · · ·	5300
590207	1.2-Dichlorograpane	Ü	5300	106434	4-Chisrateluene	Ţ	5300
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67.5 6 3	Chlorotorm	į,	5300	95636	1,2,4-Trimethulbertene	Ü	5300
(4975	Bromoch laramethace	Ü	5300	135988	sec-Butulbenzene	Ų	5300
11554	1.1.1-Trichicroethane	₽ 1	5300 -	7 9 876	p-lsopropyliciuene	ij	5300
5 63 588	1.1-Dichloropropese	1 2 3	5300	541731	1,3-0 ich lor obenzene	ij	5300
6235	Earbon Tetrachioride	ij	5300	- 106457	1.4-Bichlorobenzene	· .	5300
97962	1.1-Dichloroethame	¥	5300	104518	n-Butylbenzene	j j	5500
1432	Senzene .	ij.	5300°	93501	1.2-0ichlorobenzene		5300
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18875	1.2-Dichleropropane	i i	5300	120821	1.7.4-Trichlorobensene	130000 D	5300
5274	Bromodichloromathane	į,	5300	37483	Hexachiorobatadiese	1.0000	5300
4953	Ditromomethane	0	5500	91303	Nachthalena	· · · · · · · · · · · · · · · · · · ·	5390
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Z4481	Dibromoch loramethans	ij	5300	789353	7-Butanone	· V	
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00414	Sthylbenzene	. V	530g	591786		ij	5300 5300
2 - 1 · · ·	er er er grit er sur 18 de de 17 de	U	7746	271700	1-Hexanone	ų.	5300

SURROGATE COMPOUNOS	RECOVERY	LIMITS	STATUS
1,2-Dichlorsethane-d4	99 %	70-121	űK
Toluene-d8	120 %	81-117	Out
Bramofluorobenzene	107 3	74-171	33

. Percent solid of 94.6 is used for all target compounds.

J - Indicates compound association found below MOL.

^{9 -} Indicates compared smallyzed for but not detected,

D - indicates result is based on a dilution.

B - Indicates compound found in essociated blank

E - Indicates result exceeds highest calibration standard

HICRESITER LABORATORIES, INC. WE ATTLE OFFAMIL WALLES DATA

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	•	1.2-Dichlore	ethane-d4			70-121	OK		
		Toluene-d8	•			81-117	EK .		
•		Bromof Luorob	enzene			74-121			
							14 T 4		

Percent solid of 100 is used for all bereet compounds:

diseres compound concentration found below MUL nationies compound and ozed for but not detectes. O - Indicate: result is based on a dilution.

B - Indicates compound found in associated blank

- .E Indicates result exceeds highest calibration standard
- R Result exceeds residential surface soil standards (

l - Sesuls exceens industrial surface soil scandards *

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Percent selling 90 2 is used for all target compounds.

- I Indicates compound concentration found being MDL.
- in Indicases compound smallyzed for but has defected,
- I December result is based on a filtrater.
 - proudt dipende (kd)strial purfese poli reandards.«
- 8 Indicates personned found in esagelated blank. I minorcutes result expense biomess pallocation standard
- R Secult extesis residential carlace vol (standards +

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Record solid of 100 har used for all target companies.

Indicates compound concentration found below MB1. ladicates comocino analyzed for but not desected. odicates result is based on a dilucian.

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irimofiluorphenzene

- 8 indicates consisted Facts in associated Mant.
- [windicate; tespit excess biobest delibration support
- à i Result excesses residencial surfete es il standorità «

CASE NUMBER 8570 MATRIX Leachate SAMPLE NUMBER 0007325 DILUTION FACTOR 10 DATA FILE >D4610 DATE EXTRACTED CLIENT NAME ETNJI DATE ANALYZED 07/07/00 FIELD ID S-1 ANALYZED BY WILLIAM

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
79016	Trichloroethene	.060	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111 %	76 - 114	OK
Toluene-d8	98 %	88 - 110	OK
Bromofluorobenzene	113_%	86 - 115	OK

⁽U) Indicates compound was analyzed for but not detected.E - Indicates result exceeds highest calibration standard.

D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

ON OF MURED DR			*
CASE NUMBER	8570	MATRIX	Leachate
SAMPLE NUMBER	0007326	DILUTION FACTOR	10
DATA FILE	>D4611	DATE EXTRACTED	
CLIENT NAME	ETNJI	DATE ANALYZED	07/07/00
FIELD ID	S-2	ANALYZED BY	WILLIAM

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
79016	Trichloroethene	.456	.050	0.5

SURROGATE COMPOUNDS	_R.	ECOVERY	LI	MITS_	STATUS	3
1,2-Dichloroethane-d4	·	113 용	76	- 114	OK	_
Toluene-d8		97 %	88	- 110	OK	
Bromofluorobenzene		111 %	86	- 115	OK	

⁽U) Indicates compound was analyzed for but not detected. E - Indicates result exceeds highest calibration standard. D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER SAMPLE NUMBER DATA FILE CLIENT NAME FIELD ID	MATRIX DILUTION FACTOR DATE EXTRACTED DATE ANALYZED ANALYZED BY	Leachate 1 07/07/00 WILLIAM
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CAS No.	Compound	Result (mg/1)	MDL (mg/l)	Regulatory Level (mg/l)
79016	Trichloroethene	U	.005	0.5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	105 %	76 - 114	OK
Toluene-d8	97 %	88 - 110	ОК
Bromofluorobenzene	<u> 107 % </u>	86 - 115	OK

⁽U) Indicates compound was analyzed for but not detected.E - Indicates result exceeds highest calibration standard.D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER	<u>8570</u>		MATRIX	Leachate
SAMPLE NUMBER	0007327	<u></u>	DILUTION FACTOR	100
DATA FILE	>A6944	- ,	DATE EXTRACTED	
CLIENT NAME	ETNJI		DATE ANALYZED	07/10/00
FIELD ID			ANALYZED BY	ROBERT

		 Result	MDL:	Regulatory Level
CAS No.	Compound	 (mg/1)	(mg/l)	(mg/l)
79016	Trichloroethene	 U	.500	0.5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	98 %	76 - 114	OK
Toluene-d8	95 %	88 - 110	OK
Bromofluorobenzene	96 %	86 - 115	OK'

⁽U) Indicates compound was analyzed for but not detected. E - Indicates result exceeds highest calibration standard. D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CHSE NUMBER		MATRIX	Leachate	
SAMPLE NUMBER	UBLKA98	DILUTION FACTOR	1	
DATA FILE	>A6943	DATE EXTRACTED		 -
CLIENT NAME		DATE ANALYZED	07/10/00	 -
FIELD ID		ANALYZED BY	ROBERT	
•		-		
			•	
				===
•			Regulator	ry

CAS No.	Compound	Result (mg/l)	MOL (mg/l)	Regulatory Level (mg/l)
79016	Trichloroethene	Ü	.005	0.5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	101 %	76 - 114	OK
Toluene-d8	<u> </u>	88 - 110	OK
Bromofluorobenzene	101 %	86 - 115	OK.

⁽U) Indicates compound was analyzed for but not detected. E - Indicates result exceeds highest calibration standard. D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER 8570 MATRIX Leachate DILUTION FACTOR DATE EXTRACTED SAMPLE NUMBER 0007328 10 DATA FILE >D4614 CLIENT NAME ETNJI DATE ANALYZED 07/07/00 FIELD ID S-3ANALYZED BY WILLIAM

CAS No.	i i	Compound	. *		sult g/l)	MDL (mg/l)]	Regulatory Level (mg/l)
71432		Benzene		 	==== U	.050	====:	0.5
78933		2-Butanone			U	.100		200.0
56235	P	Carbon Tetrachloride		٠. '	U	.050		0.5
108907		Chlorobenzene	•		U.	.050		100.0
67663	- :	Chloroform			U	.050	•	6.0
75354	Į.	1,1-Dichloroethene			U	.050		0.7
107062		1,2-Dichloroethane			U	.050		0.5
127184		Tetrachloroethene	• .		U	.050		0.7
79016		Trichloroethene			U	.050	• ,	0.5
75014	a	Vinyl Chloride		.*	U .	.100		0.2
				• .		•		
	E.	_	,					

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	141 %	76 - 114	OUT
Toluene-d8	98 %	88 - 110	OK
Bromofluorobenzene	122 %	86 - 115	OUT

⁽U) Indicates compound was analyzed for but not detected.E - Indicates result exceeds highest calibration standard.D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER	-	MATRIX
SAMPLE NUMBER	0007328MS	DILUTION FACTOR
DATA FILE	>D4613	DATE EXTRACTED
CLIENT NAME _		DATE ANALYZED
FIELD ID		ANALYZED BY

MATRIX DILUTION FACTOR	<u>Leachate</u> 10	
DATE EXTRACTED		
DATE ANALYZED	07/07/00	
ANALYZED BY	WILLIAM	

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	.489	.050	0.5
78933	2-Butanone	.660	.100	200.0
56235	Carbon Tetrachloride	.418	050	0.5
108907	Chlorobenzene	.471	.050	100.0
67663	Chloroform	.431	.050	6.0
75354	1,1-Dichloroethene	.409	.050	0.7
107062	1,2-Dichloroethane	.475	.050	0.5
127184	Tetrachloroethene	.562	.050	0.7
79016	Trichloroethene	.506	.050	0.5
75014	Vinyl Chloride	.391	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	137 %	76 - 114	OUT
Toluene-d8	98 %	88 - 110	OK
Bromofluorobenzene	127 %	86 - 115	OUT

⁽U) Indicates compound was analyzed for but not detected.E - Indicates result exceeds highest calibration standard.D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER ; SAMPLE NUMBER DATA FILE CLIENT NAME FIELD ID

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0007597	
>D4609	
ETNJI	
COMP	

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DILUI	NOIS	FACTO	R
DATE	EXT	RACTED	,
DATE	ANAI	LYZED	
ANALY	ZED	BY	

 <u>Leachate</u>	•
 10	
07/07/00	
WILLIAM	

CAS No.	Compound		Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/1)
71432 78933	Benzene 2-Butanone		U	.050	0.5
56235 108907	Carbon Tetrachloride Chlorobenzene		U	.050	200.0 0.5
67663	Chloroform	•	U U	050	100.0
75354 107062	1,1-Dichloroethene 1,2-Dichloroethane		n, i	.050 .050	0.7 0.5
127184 79016	Tetrachloroethene Trichloroethene		. U	.050	0.7
75014	Vinyl Chloride	•	.133 U	.050	0.5 0.2

SUREOGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4 Toluene-d8	113 3	76 - 114	OK /
Bromofluorobenzene	97 %	88 - 110	OK
promorraor openzene	112 8	86 - 115	OK

⁽U) Indicates compound was analyzed for but not detected. E - Indicates result exceeds highest calibration standard. D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

CASE NUMBER SAMPLE NUMBER DATA FILE	VBLKD44 >D4604	MATRIX DILUTION FACTOR DATE EXTRACTED	Leachate 1
CLIENT NAME		DATE ANALYZED	07/07/00
FIELD ID		ANALYZED BY	WILLIAM

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene .	U	005	0.5
78933	2-Butanone	. Ū	.010	200.0
56235	Carbon Tetrachloride	Ü	.005	0.5
108907	Chlorobenzene	Ü	.005	100.0
67663	Chloroform	Ü.	.005	6.0
75354	1,1-Dichloroethene	ប	.005	0.7
107062	1,2-Dichloroethane	U	.005	0.5
127184	Tetrachloroethene	U	.005	0.7
79016	Trichloroethene	U	.005	0.5
75014	Vinyl Chloride	U	.010	0.2

SURROGATE COMPOUNDS	RECOVERY	<u>LIMITS</u>	STATUS
1,2-Dichloroethane-d4	105 %	76 - 114	OK
Toluene-d8	97 %	88 - 110	OK
Bromofluorobenzene	107 %	86 - 115	OK

 ⁽U) Indicates compound was analyzed for but not detected.
 E - Indicates result exceeds highest calibration standard.
 D - Indicates result is based on a dilution.

^{* 2-}Butanone = Methyl ethyl ketone

ACCREMITED LARDOATHRIES, INC. THE SECTION ATTERS AND YES DATA

LHSE MIMBER SAMPLE HUMBER DATA FILE !! ELIFNE MAMB FIFED TO

<u> </u>	
0002378	
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ETNJI	
5 - 3	

HATRIX DILUTION FACIOR DATE EXTRACTED DAJE ANALYZED AMALYZED BY

Leachata	•
(-0)	· · · · · · · · · · · · · · · · · · ·
 06/30/00	
07/05/00	
 DANTEL	

i UHD No	Comparing	kesult (mg/l)	· · · · · · · · · · · · · · · · · · ·	Regularoru Leuel (mgzl)
lidan	l Furidine			5 . 4)
10646	7,4-Dichlorobergene		. 10	2.8
9547			. j ü	200.0
(08397	1 384-Methylphennl	i.i	10	200.0
, 6722		. (j	. 10	5.0
. 989103	Nitrobenzene '	Ų	10	Arr
· ,8268.	// Hexachlorobutadiene	()	. 10	0.5
. + 80a	The second secon	Li	. 10	2.0
710740	4 1 12,4,5-Trich)orophenol	de la companya de la	. 50	400.0
171 (4)	The state of the s	4	. 1 ()	0.43
1/824)	The state of the section of the sect	:	1.6	0.13
<i>ង/តែម</i>	Pentachlorophenal		. (0	100.0

SURRIGATE COMPOUNDS			RELAUFRY /		LIMITS	STATUS	S
, 2-Filuarophenni			75 %	•*	21 - 100	0K	<u></u>
Phenol-d9			66 %		10 - 94	ĤК	
Mitrohenzene-d5			51 %		55 - 114	0.6	
2-6 luorobh phenyt			76.2	•	43 - 116	üK	
2,4,6-jeihenmaphenal	•		134 %		10 - 175	ñК	
derphenyl-di4		÷	7.9 X		33 - 141	ОK	

- \cdot U $^{-1}$ lodicates compound was analyzed for but not detected.
- F Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution:
 - 2-Methylphenol = orocesni 3-Methylpheno: = m-creso!
- 4-Methylphenol = p-cresni

²⁻Methylphenol and 4-Methylphenol can not be separated by the method applied.

CDE 2.22032

PERFOLIED CAPHRALARTES, INC. TELS SEMIUMIALLES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER - DATA FILE	<u> </u>	DIEUTIAN FACTOR	10
CLIENT NAME		DATE FXTRACTED DATE ANALYZED	<u>06/30/00</u> 06/30/00
FIELD ID		. AMALYZED RY	JANICE

		20 A		
CRS No.	Compound	Result (mg/l)	MD1. (mg∠1)	. Regulatory Level (mg/l)
110861 106462 95478 108394 67721 989103 87683 88062 9109104 121142 118741	Pyridine 1,4-Dichlorobenzene 2-Methylphenol 384-Methylphenol Hexachloroethane Nitrobenzene Hexachlorobutadiene 2,4,5-Trichlorophenol 2,4,5-Trichlorophenol 4,4-Dinitroboluene		10 10 10 10 10 10 10 10 10	5 0 2 5 200.0 200.0 3.0 2.0 0.5 2.0 400.0
878610	Hexachlorobenzene Pentachlorophenol	ti U	10	0 13 100 0

SURROGATE COMPONENTS	RECOVERY	LIMITS	STATUS
2-Fluorophenn1	49 %	$\frac{-5.001.00}{21 - 100}$	0K
Phenol-d5	58 %	10 - 94	űK v
Nitrobenzene-d5	70 %	35 - 114	0K
2-Fluorobiphenyl	49 %	43 - 116	uk uk
2,4,6-Tribromophenol	80 X	10 - 123	ÜK
Terphenyl-d14	48 12	3 3 - 141	0K

 $[\]mathsf{U} = \mathsf{Indicates}$ compound was analyzed for but not detected.

E - Indicates result exceeds highest calibration standard.

D - Indicates result is based on a dilution.

^{* 2-}Methylphenol = o-cresol

^{* 3-}Methylphenol = m-cresol

^{* 4-}Methylphenol = p-cresol

^{** 3-}Methylphenol and 4-Methylpherol can not be separated by the method applied

· HO ORFOLTED LARDAHIDBLES, THE. ICLE SEMIVOLATIONS ANNIVAS SMATA

LASE NUMBER 8570 MATRIX Leachate SAMELE NUMBER 000259 DILUTION FALLOR 10 DATA FILE >F1172 DATE EXTRACTED 07/02/00 CLIENT MAME ETNJT DATE ANALYZED 07207700 FORID TO CUMP ANALYZEO BY DANLE

			1		
CAS No.	Compound	T 62 21 B	kesult (mg/l)	MD(Megulatoro Level (mg/()
110961 106467 195478 108394 67721 989103 87693 88067 9109104 121142 118741 878610	Pyridine 1,4-Dichlorovenzene 2-Methylphenol 3&4-Hethylphenol Hexachloroethane Nitrotenzene Hexachlorobutadiene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2,4-Dinitrotoluene Hexachlorobenzene Pentachloropnennl		U U U U U U U U U	. 10 . 10 . 10 . 10 . 10 . 10 . 10 . 50 . 10	5.0 7.5 200.0 200.0 .5.0 2.0 0.5 2.0 400.0 0.15 0.15 0.15

SUBROGATE COMPOUNDS	T RECOVERY	LAMITS	P 1 (N 3 (1))
2-Fluorophenol	73 2 -	$\frac{-0.111110}{21 - 100}$	<u> 5.141US</u> 8K
Phenol-dy	63 %	10 - 94	HK HK
Nitrobenzene-d5	54 %	35 - 114	HK AK
2-Fluorobiphenyl	78 2	43 - 116	. űK
7.4.o-Tribromophenol	121 %	10 - 123	08
Terphenyl-di4	<u> </u>	33 - 141	ÚK.

U - Indicates compound was analyzed for but not detected.

E - Indicates result exceeds highest calibration standard.

D - Indicates result is based on a dilution.

²⁻Methy!pheno1 = a-creso!

³⁻Methylphenol = m-cresol 4-Methylphenol = p-cresol

³⁻Methylphenol and 4-Methylphenol can not be separated by the method applied.

CDE 2.22034

ACCREDITED LAMBNAHMETER, THE TOLP SEMIUNIATTIES ANALYSIS DATA

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD TO

<u> 581K05</u>	
>F1169	

MATRIX
DILUTION FACTOR
DATE EXTRACTED
DATE ANALYZED
ANALYZED BY

 _Leachate .	
10	_
 02/02/00	_
 07/07/00	-
 DANIEL	

new .		the art has me at me me yet and the set of the	TO THE RE BUT OF SILES OF SEC. SEC. 15.	
CAS No.	Compound	Result (mg/l)	MD: (mg/l)	Reguletory Level (mg/l)
110861 106467	Pyridine		. 10	, , O
95478	1,4-Dichlorobenzene 2-Methylphenol	I,I - { } }	1.10	7.5 200.0
108394 37721	3&4-Methylphenn) Hexachloroethane	U H	10	200,0 3.0
989103 82683	. Nitrobenzene - Hexachlorobutadiene	Ú	10	2 0
88087 9109104	2,4,6-Trichlorophenoi	1,1	. 10 . 10	01.5 2.0
121142	2,4,5-Trichlorophenol 2,4-Dinitrotoluene	1,1 · · · · · · · · · · · · · · · · · ·	. 50 . 10	400.0
118741 878410	Hexachlorobenzene Pentachlorophenol	1) 	. 1 0 . 1 0	0.13 100.0

SURROGATE COMPONIS		RETHULRY	LIMITS	STATUS
2-Fluorophenol.		64 %	$\frac{21 - 100}{21}$	NK -
Pheno 1-d5		61 %	10 - 94	ÐК
Nitrobenzene-d5		61 %	35 - 114 -	ak :
2-Fluorobiphenyl	4	74 %	43 - 116	ВK
7,4,6-Tribromophenel		<u> 115 %</u>	10 - 123 -	ÜK
Terphenyl-d14		73 %	33 - 141	0 K

U. - Indicates compound was analyzed for but not detected.

E - Indicates result exceeds highest calibration standard.

[.]D - Indicates result is based on a dilution.

^{* 7-}Methylphenol = a-cresal

^{* 3-}Methylphenol = m-cresol

^{* 4-}Methylphenol = p-cresol

^{** 3-}Methylphenol and 4-Methylphenol can not be separated by the method applied.

CASE NUMBER 8570 SAMPLE NUMBER 0007328 DATA FILE >A1875 CLIENT NAME ETNJI FIELD ID S-3

MATRIX DILUTION FACTOR DATE EXTRACTED DATE ANALYZED ANALYZED BY

50
07/07/00
07/07/00
CLIFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9 76-44-8 1024-57-3 72-20-8 72-43-5 5103-71-9 5103-74-2 8001-35-2	G-BHC (Lindane) Heptachlor Heptachlor Epoxide Endrin Methoxychlor A-Chlordane G-Chlordane Toxaphene	.002 U	.001 .001 .001 .002 .010 .001 .001	0.400 0.008 0.008 0.02 10.0 0.03 0.03

SURROGATE COMPOUNDS		DECOMPAN	ADVISORY	
DCB	٠.	RECOVERY 108%	<u>LIMITS</u> 30 - 150	STATUS OK
Tetrachloro-m-xylene	*	86%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
 E - Indicates result exceeds highest calibration standard.
 D - Indicates result is based on a dilution.

CASE NUMBER 8570 MATRIX SAMPLE NUMBER 0007597 DILUTION FACTOR 50 DATA FILE >A1877 DATE EXTRACTED 07/07/00 CLIENT NAME ETNJI DATE ANALYZED 07/07/00 FIELD ID COMP ANALYZED BY CLIFF

.001	0.400
2	0.400
.001	0.008
.001	0.008
002	0.02
.010	10.0
	0.03
	0.03
	0.5
)]	J .001 J .001 J .050

		ADVISORY	
SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
DCB	111%	30 - 150	OK
Tetrachloro-m-xylene	<u>87%</u>	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
 E - Indicates result exceeds highest calibration standard.
 D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC. TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER SAMPLE NUMBER DATA FILE CLIENT NAME FIELD ID

<u> </u>	
PBLK84	
>A1873	

MATRIX	
DILUTION	FACTOR
DATE EXT	RACTED
DATE ANAI	LYZED
ANALYZED	BY

	Leachate	· .
-	50	
	07/07/00	
	07/07/00	
	CLIFF	

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9 76-44-8 1024-57-3 72-20-8 72-43-5 5103-71-9 5103-74-2 8001-35-2	G-BHC (Lindane) Heptachlor Heptachlor Epoxide Endrin Methoxychlor A-Chlordane G-Chlordane Toxaphene	ט ט ט ט ט ט ט	.001 .001 .002 .010 .001 .001	0.400 0.008 0.008 0.02 10.0 0.03 0.03

	the second secon	ADVISORY	
SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
DCB	104%	30 - 150	OK
Tetrachloro-m-xylene	85%	30 - 150	OK :

U - Indicates compound was analyzed for but not detected.
 E - Indicates result exceeds highest calibration standard.
 D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER 8570
SAMPLE NUMBER 0007328
DATA FILE >A1884
CLIENT NAME ETNJI
FIELD ID S-3

MATRIX
DILUTION FACTOR
DATE EXTRACTED
DATE ANALYZED
ANALYZED BY

Leachate	
1	
07/07/00	
07/08/00	
CLIFF	

CAS No.	Compound	Result MDL (mg/l) (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U .100	
93721	SILVEX	U .010	

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER 8570
SAMPLE NUMBER 0007597
DATA FILE >A1886
CLIENT NAME ETNJI
FIELD ID COMP

MATRIX
DILUTION FACTOR
DATE EXTRACTED
DATE ANALYZED
ANALYZED BY

Leachate	
1	
07/07/00	
07/08/00	
CLIFF	

CAS No.	Compound		 Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/1)
94757 93721	2,4'-D SILVEX		U U	.100 .010	10.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	
SAMPLE NUMBER	HBLK61
DATA FILE	>A1882
CLIENT NAME	
FIELD ID	

MATRIX	
DILUTION	FACTOR
DATE EXTR	RACTED
DATE ANAI	YZED
ANALYZED	BY

Leachate	
1	
 07/07/00	
 07/08/00	
 CLIFF	

CAS No.	Compound		Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757 93721	2,4'-D SILVEX		U U	.100 .010	10.0

U - Indicates compound was analyzed for but not detected

Soil

JEFF

06/28/00

06/30/00

ACCREDITED LABORATORIES, INC PCB ORGANIC ANALYSIS DATA

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD ID

8570		MATRIX
0007325		DILUTION FACTOR
>G6212		DATE EXTRACTED
ETNJI		DATE ANALYZED
S-1		ANALYZED BY

CAS#	COMPOUND	institute of the	UG/KG		MDL
12674112	Aroclor-1016	22552222222222222	:=====================================		18.3
11104282	Aroctor-1221		U		18.3
11141165	Aroclor-1232	• '	Ū		18.3
53469219	Aroclor-1242		8360 E	1	18.3
12672296	Aroclor-1248		U		18.3
11097691	Aroctor-1254	•	35700 E	1	18.3
11096825	Aroclor-1260		U		18.3

Percent Solid of 91.1 is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- $\ensuremath{\mathsf{U}}$ Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.
- R Result exceeds residential surface soil standards.*
- I Result exceeds industrial surface soil standards.*
- * Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

CASE NUMBER	8570		
SAMPLE NUMBER	0007325DL	20	
DATA FILE	>G6220		•
CLIENT NAME	ETNJI	·	
FIELD ID	S-1		•

MATRIX	Soil	
DILUTION FACTOR	20	· ·
DATE EXTRACTED	06/28/00	
DATE ANALYZED	06/30/00	,
ANALYZED BY	JEFF	

CAS#	COMPOUND	UG/KG	UG/KG		
=========		***********	=====	222222	
12674112	Aroclor-1016	ָּט י		366	
11104282	Aroclor-1221	ໍ. ປ		366	
11141165	Aroclor-1232	Ū		366	
53469219	Aroctor-1242	3680	DI	366	
12672296	Aroctor-1248	· U		366.	
11097691	Aroclor-1254	20600	10	366	
11096825	Aroctor-1260	U		366	

Percent Solid of 91.1 is used for all target compounds.

- B Indicates compound found in associated blank.
- ${\bf J}$ Indicates compound concentration found below MDL.
- U Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.
- R Result exceeds residential surface soil standards.*
- I Result exceeds industrial surface soil standards.*
- * Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD ID

8570	
0007326	
>G6213	
ETNJI	
C-2	

·		
MATRIX	Soil	
DILUTION FACTOR	1	
DATE EXTRACTED	06/28/00	
DATE ANALYZED	06/30/00	
ANALYZED BY	JEFF	
· ·		

CAS#	COMPOUND	UG/KG	MDL
========			
12674112	Aroclor-1016	. U .	18.1
11104282	Aroclor-1221	υ	18.1
11141165	Aroclor-1232	н	18.1
53469219	Aroclor-1242	142000 E I	18.1
12672296	Aroclor-1248	Н	18.1
11097691	Aroctor-1254	134000 E I	18.1
11096825	Aroctor-1260	134000 £ 1	18.1

Percent Solid of 92.3 is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- $\ensuremath{\mathbf{U}}$ Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.
- R Result exceeds residential surface soil standards.*
- I Result exceeds industrial surface soil standards.*
- * Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD ID

8570	
00073260L	2000
>G6225	
ETNJI	
S-2	

MATRIX	Soil	
DILUTION FACTOR	200	
DATE EXTRACTED	06/28/00	
DATE ANALYZED	06/30/00	
ANALYZED BY	JEFF	

CAS#	COMPOUND	UG/KG		MDL	
*****			======	******	
12674112	Aroclor-1016	· U		3610	
11104282	Aroclor-1221	Ū		3610	
11141165	Aroctor-1232	ັນ		3610	
53469219	Aroclor-1242	231000	DI	3610	
12672296	Aroclor-1248	U		3610	
11097691	Aroctor-1254	268000	DI .	3610	
11096825	Aroclor-1260	U		3610	

Percent Solid of 92.3 is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- $\ensuremath{\mathbf{U}}$ Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.
- R Result exceeds residential surface soil standards.*
- I Result exceeds industrial surface soil standards.*
- * Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD ID

8570	
0007327	
>G6214	
ETNJI	
V-1	

MATRIX	Aqueous	
DILUTION FACTOR	10	
DATE EXTRACTED	06/29/00	
DATE ANALYZED	06/30/00	
ANALYZED BY	JEFF	

CAS#	COMPOUND		UG/L		MDL
_=======			=6222222	*****	======
12674112	Aroclor-1016		υ		5.00
11104282	Aroctor-1221		U		5.00
11141165	Aroclor-1232	•	U		5.00
53469219	Aroclor-1242		Ü		5.00
12672296	Aroctor-1248		Ü		- 5.00
11097691	Aroclor-1254		706	U	5.00
11096825	Aroctor-1260		U	•	5.00

- B Indicates compound found in associated blank.
- ${\bf J}$ Indicates compound concentration found below MDL.
- U Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.
- W Result exceeds specific ground water quality criteria.*
- * Flags are based on Specific Ground Water Quality Criteria from New Jersey Register dated February 1, 1993.

CASE NUMBER		
SAMPLE NUMBER-	PBLK79	_
DATA FILE	>G6199	
CLIENT NAME		
FIELD ID		

MATRIX	Aqueous	:
DILUTION FACTOR	1	
DATE EXTRACTED	06/29/00	•
DATE ANALYZED	06/29/00	
ANALYZED BY	JEFF	

CAS# COMPOUND		UG/L	MDL		
========					
12674112	Aroctor-1016	U T	.500		
11104282	Aroctor-1221	U ·	.500		
11141165	Aroclor-1232	ប	.500		
53469219	Aroctor-1242	υ	.500		
12672296	Aroclor-1248	U	.500		
11097691	Aroclor-1254	· U	.500		
11096825	Aroctor-1260	U	.500		

- B indicates compound found in associated blank.
- ${\bf J}$ Indicates compound concentration found below MDL.
- \boldsymbol{U} Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.

CASE NUMBER
SAMPLE NUMBER
DATA FILE
CLIENT NAME
FIELD ID

<u> </u>	570				
0	007328	 			
>	G6215	 	 		
E	TNJI				
5	- 3		 	•	

MATRIX	Solid	
DILUTION FACTOR	1	_
DATE EXTRACTED	06/28/00	_
DATE ANALYZED	06/30/00	_
ANALYZED BY	JEFF	_
		_

CAS#	COMPOUND	UG/KG	MDL	
1247/112			**********	
	Aroctor-1016	. U	17.6 17.6	
	Aroclor-1232	·	17.6	
	Aroclor-1242	1670000 E	17.6	
12672296	Aroclor-1248	U	17.6	
11097691	Aroclor-1254	1720000 E	17.6	
11096825	Aroctor-1260	U	17.6	

Percent Solid of 94.6 is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- U Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.

CASE NUMBER 8570

SAMPLE NUMBER 00073

DATA FILE >G623

CLIENT NAME EINJ1

FIELD ID S-3

 8570	
00073280L	500000
 >G6231	
ETNJI	
5-3	

MATRIX	Solid	
DILUTION FACTOR _	500000	
DATE EXTRACTED _	-06/28/00	
DATE ANALYZED	07/05/00	
ANALYZED BY	JEFF	

CAS#	COMPOUND	UG/KG	UG/KG	
	************		EIEP	
12674112	Aroclor-1016	ับ		8810000
11104282	Aroclor-1221	U		8810000
11141165	Aroclor-1232	U		8810000
53469219	Aroclor-1242	412000000	D	8810000
12672296	Aroclor-1248	υ		8810000
11097691	Aroclor-1254	162000000	D	8810000
11096825	Aroclor-1260	U		8810000

Percent Solid of 94.6 is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- U Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.

CASE NUMBER : SAMPLE NUMBER DATA FILE CLIENT NAME : FIELD ID

PBLK78-A	
G6198	

MATRIX	Soil	
DILUTION FACTOR	1	
DATE EXTRACTED	06/28/00	
DATE ANALYZED	06/29/00	
ANALYZED BY	JEFF	

CAS#	COMPOUND	UG/KG	MDL
20222222	*******************	*****************	.========
12674112	Aroctor-1016	U	16.7
11104282	Aroctor-1221	U	16.7
11141165	Aroctor-1232	u .	16.7
53469219	Aroclor-1242	U ·	16.7
12672296	Aroctor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	Ü	16.7

Percent Solid of 100. is used for all target compounds.

- B Indicates compound found in associated blank.
- J Indicates compound concentration found below MDL.
- U Indicates compound analyzed for but not detected.
- E Indicates result exceeds highest calibration standard.
- D Indicates result is based on a dilution.

	•			
Case #:	8570		Matrix:	Leachate
Sample #:	0007325		Date Received:	06/27/00
Field ID:	S-1			
Client Name:	ETNJI			

********	==========	*********	=========	****	=======================================	====		
CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed	
7439-92-1	Lead	ND	1.00	· 1	5.00	P	07/06/00	

ND - Element analyzed for but not detected.
P - Analyzed by ICP CV - Analyzed by Colo

CV - Analyzed by Cold Vapor A - Analyzed by flame AA

F - Analyzed by GFA

Case #:	8570		Matrix:	Leachate	. •
Sample #:	0007326		Date Received:	06/27/00	
Field ID:	s-2			00/21/00	
Client Name:	ETNJI	*	•	•	

=======================================							
CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7439-92-1	Lead	ND	1.00	======================================	5.00	P	07/06/00

Case #:	8570	Matrix: Leachate
Sample #:	0007327	Matrix: Leachate Date Received: 06/27/00
Field ID:	<u> </u>	
Client Name:	ETNJI	

=======================================			========	=========	==========	========	*=======
·CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7439-92-1	Lead	ND	1.00	·=====================================	5.00	P	06/29/00

ND - Element analyzed for but not detected.

P - Analyzed by ICP

CV - Analyzed by Cold Vapor A - Analyzed by flame AA

F - Analyzed by GFA

ACCREDITED LABORATORIES, INC. GENERAL CHEMISTRY ANALYSIS DATA

Case #: 8570
Sample #: 0007597
Client Name: ETNJ!
Field Number: COMP

 Matrix:
 Soil

 Date Received:
 06/27/00

 % Moisture:
 9.8

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS MDL	ANALYSIS DATE
Solids, Percent Flash Point pH Cyanide, Reactive Sulfide, Reactive	90.2 >200 7.30 ND	0.10 80. 0.22 44.3	% °F S.U. mg/Kg mg/Kg	1. 1. 1.	NO 0.20 NO 40.0	07/06/00 07/10/00 07/06/00 07/07/00 07/07/00

Sample #:	PBL015	Hatrix:	Leachate
Field ID:	PREPBLANK	Date Prepared:	07/06/00

		Result	MDL	Dilution	Regulatory		Date
CAS No.	Element	MG/L	MG/L	Factor	Level	Method	Analyzed
7440-38-2	Arsenic	essessesses ND	.500	:=======: 1	5.00	P	07/07/00
7440-39-3	Barium	· ND	.250	1	100.00	P	07/07/00
7440-43-9	Cacimium	ND	.050	- 1	1.00	P	07/07/00
7440-47-3	Chromium	· ND	.050	1	5.00	P	07/07/00
7439-92-1	Lead	ND	.500	1	5.00	P	07/07/00
7439-97-6	Mercury	ND	.001	1	.20	CV	07/07/00
7782-49-2	Selenium	ND	.250	1	1.00	Р	07/07/00
7440-22-4	Silver	ND	.050	1	5.00	P	07/07/00

ND - Element analyzed for but not detected.

P - Analyzed by ICP

CV - Analyzed by Cold Vapor

F - Analyzed by GFA

A - Analyzed by flame AA

	i i		A contract of the contract of	
Case #:	8570	•	Matrix:	Leachate
Sample #:	0007597		Date Received:	06/27/00
Field ID:	COMP	***	· · · · · · · · · · · · · · · · · · ·	
Client Name:	ETNJ1			

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date
==========	**********		NG/ L	1 80 101		method	Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	Р	07/07/00
7440-39-3	Barium	.962	.500	1	100.00	Р	07/07/00
7440-43-9	Cadmium	. ' ND	.100	1	1.00	Р	07/07/00
7440-47-3	Chromium	ND	.100	1	5.00	. P	07/07/00
7439-92-1	Lead	, ND	1.00	. 1	5.00	Þ	07/07/00
7439-97-6	Mercury	ND	.002	2 -	20	cv	07/07/00
7782-49-2	Selenium	ND	.500	1	1.00	ρ	07/07/00
7440-22-4	Silver	ND	.100	1	5.00	P.	07/07/00

ND - Element analyzed for but not detected. - Analyzed by ICP CV - Analyzed by Colo

CV - Analyzed by Cold Vapor

- Analyzed by GFA

A - Analyzed by flame AA

Sample #:	PBL013	Matrix:	Leachate
Field ID:	PREPBLANK	Date Prepared:	06/29/00

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	.500	======== 1	5.00	P	06/29/00
7440-39-3	Barium	ND	.250	1	100.00	P	06/29/00
7440-43-9	Cadmium	ND	.050	1	1.00	P	06/29/00
7440-47-3	Chromium	ND	.050	1	5.00	P	06/29/00
7439-92-1	Lead	ND	.500	1	5.00	P	06/29/00
7439-97-6	Nercury	ND	.001	1	.20	cv	06/30/00
782-49-2	Selenium	ND	.250	1	1.00	P	06/29/00
7440-22-4	Silver	ND	.050	1	5.00	P	06/29/00

ND - Element analyzed for but not detected.

- Analyzed by ICP CV - Analyzed by Cold Vapor Analyzed by GFA A - Analyzed by flame AA

- Analyzed by GFA

Case #: Sample #:	8570	**. *	Matrix:	L.
Field ID:	0007328 S-3		Date Received:	 0
Client Name:	ETNJI			

CAS No.	Element	Result Element MG/L		Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	======================================	*********** 5.00	======== P	
7440-39-3	Barium	2.54	.500	,	100.00	P	06/29/00 06/29/00
7440-43-9	Cadmium	.129	.100		1.00	P	06/29/00
7440-47-3	Chromium	ND "	.100	1	5.00	P.	06/29/00
7439-92-1	Lead	1.31	1.00	1	5.00	р.	06/29/00
7439-97-6	Mercury	ND	.002	· 2	.20	cv	06/30/00
7782-49-2	Selenium	ND	.500	1	1.00	P	06/29/00
7440-22-4	Silver	ND	.100	. 1	5.00	P	06/29/00

ND - Element analyzed for but not detected.

P - Analyzed by ICP

CV - Analyzed by Cold Vapor

F - Analyzed by GFA

A - Analyzed by flame AA

ample #: PBL014			•	Matrix:		Leachate			
ield	ID:	PREPBLANK		Date Prepared:		07/06/00			
						· · · · · · · · · · · · · · · · · · ·			
	CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date . Analyzed	
	7430-02-1	1 ead	**************************************			E 00		07/06/00	

P - Analyzed by ICP

F - Analyzed by GFA